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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/521,724	08/16/2005	Laurentius Petrus Joseph Van Loon	0470-050128	1898
28289 7590 06/05/2007 THE WEBB LAW FIRM, P.C. 700 KOPPERS BUILDING 436 SEVENTH AVENUE PITTSBURGH, PA 15219			EXAMINER DINH, TIEN QUANG	
			ART UNIT 3644	PAPER NUMBER
			MAIL DATE 06/05/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/521,724

Applicant(s)

VAN LOON, LAURENTIUS
PETRUS JOSEPH

Examiner

Tien Dinh

Art Unit

3644

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 17-33 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 17-33 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 12/05
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____

DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 19, 20, 21, 29, 30, 31-33 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention.

It is not understood how the runners can be “hooked” into the slots. Please explain.

Re claim 21, it is not understood how the slots have a T-shaped from with the leg of the T pointing away from the wall. Where is the shown? What is the leg of the T?

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 22 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 22, “like a mushroom” is vague. What does this mean?

Claim Rejections - 35 USC § 103

Art Unit: 3644

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 17-19, 21-22, and 24-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Greiss 4055317 in view of Londeree et al 2854307.

Greiss discloses a galley on an aircraft with service trolleys 42 but is silent on the wall having modules that are slidable on the wall, slots on the wall, runners on the back of the modules, and lifting means. However, Londeree et al 2854307 discloses a module C, wall W, guides 26, 28 running in the vertical direction, mushroom shaped runners 46, 70 on the rear that can be hooked to the slots and undercut to the slots that are widened (this is where the runner can be inserted in the horizontal direction), and lifting means 40, 42 are well known.

It would have been obvious to one skilled in the art at the time the invention was made to have used a module, wall, guides running in the vertical direction, mushroom shaped runners on the rear that can be hooked to the slots and undercut to the slots that are widened (this is where the runner can be inserted in the horizontal direction), and lifting means in Greiss' system as taught by Londeree et al to accommodate the passengers.

Re claims 24 and 25, the examiner takes official notice that locking means to fix the modular at a specific height is well known and one skilled in the art would have used such locking means to allow crew members of different height to access it.

Art Unit: 3644

Re claim 26, the examiner takes official notice that connecting means for data exchange/power are well know and one skilled in the art would have used such devices to provide data/power to the crew.

Re claim 27, please note that the use of multiple vertical sections. This way there can be multiple modules being used.

Claim 23 is rejected under 35 U.S.C. 103(a) as being unpatentable over Greiss 4055317 as modified by Londeree et al 2854307 as applied to claim 17 above, and further in view of Nervig et al 6454208.

Greiss 4055317 as modified by Londeree et al 2854307 discloses all claimed parts except for the spindle with arms that moves by internal screw thread. Nervig et al discloses this deficiency in figures 3 and 4.

It would have been obvious to one skilled in the art at the time the invention was made to have used spindles with internal screw threads in Greiss' system as modified by Londeree et al as taught by Nervig et al as a substitution of parts.

Claims 32 and 33 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rader 5063859 in view of Londeree et al 2854307.

Rader discloses a train but is silent on the claimed modular galley. However, Londeree et al 2854307 discloses a module C, wall W, guides 26, 28 running in the vertical direction, mushroom shaped runners 46, 70 on the rear that can be hooked to the slots and undercut to the

Art Unit: 3644

slots that are widened (this is where the runner can be inserted in the horizontal direction), and lifting means 40, 42 are well known.

It would have been obvious to one skilled in the art at the time the invention was made to have used a module, wall, guides running in the vertical direction, mushroom shaped runners on the rear that can be hooked to the slots and undercut to the slots that are widened (this is where the runner can be inserted in the horizontal direction), and lifting means in Rader' system as taught by Londeree et al to accommodate the passengers.

Re claim 33, the examiner takes official notice that data bus is well known and one skilled in the art would have used data bus to computerize or automate the modular galley.

Allowable Subject Matter

Claim 20 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Badonic, Shaw, Lopatka, and Rezag et al teach modular means.

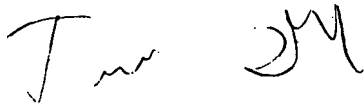
Art Unit: 3644

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tien Dinh whose telephone number is 571-272-6899. The examiner can normally be reached on 9-6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Teri Luu can be reached on 571-272-7045. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TD

Handwritten signature of Tien Dinh, consisting of the letters 'T' and 'D' followed by a stylized flourish.